

STAVIS SEAFOODS, INC.

Desired System Operating Ranges

System Parameters	Desired System Operating Ranges	Troubleshooting Procedures (If Outside Desired Ranges)
Low Side Compressor Lube Oil Pressures	40 to 50 psig	<ol style="list-style-type: none"> 1. Check the lube oil levels 2. Make sure the lube oil pump is working 3. Make sure the manual valves in lube oil system are open 4. Check the lube oil filter
High Side Lube Oil Pressure	50 to 65 psig	<ol style="list-style-type: none"> 1. Check to make sure the compressor cooling system is functioning. 2. Make sure the compressor lubrication oil system is working properly.
High Side Compressor Lube Oil Temperatures	90 to 110 °F	<ol style="list-style-type: none"> 3. Check to make sure that slugs of liquid ammonia are not being sent to the compressor.
Lowside Discharge	25 to 35 psig	<ol style="list-style-type: none"> 1. Inspect and/or adjust low stage compressor as necessary. 2. Adjust the low side loads (freezers) as necessary.
Low Side (Suction) Pressure	3 hg to 0 psig	<ol style="list-style-type: none"> 3. Make sure appropriate manual valves are open. 4. Make sure the level is being maintained in the low side vessel.
High Side Suction Pressure	25 psig to 35 psig	<ol style="list-style-type: none"> 1. Check condenser fans and cooling water pumps. 2. Inspect/repair cooling water spray nozzles. 3. Check condenser coils for rust, ice, or scale.
High Side Discharge (or Head) Pressure	120 to 160 psig	<ol style="list-style-type: none"> 4. Check for air in the system and adjust the auto purger if necessary.